

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1. (Currently amended) A radial foil bearing comprising:
  - a) a top foil [[1]] satisfying condition represented by an equation  $t > 0.1 \cdot D^{0.33}$  (wherein t is the thickness (mm) , D is the diameter of a shaft (mm) ).
  - b) a key [[2]] welded to a cut portion of the top foil [[1]];
  - c) an inner bump foil [[3]] disposed outwards of the top foil, the inner bump being formed of a wider and higher bump and a narrower and lower bump alternately arranged;
  - d) an outer bump foil [[4]] disposed outwards of the center of the wider and higher bump of the inner bump foil [[3]], the outer bump having a height lower than that of the narrower and lower bump of the inner bump foil [[3]];.
  - e) a bump sheet [[5]] for fixing the inner bump [[3]] and the outer bump [[4]]; and
  - f) a bearing housing [[6]] disposed outwards of the bump sheet [[5]] and having a key groove [[7]].
2. (Currently amended) The radial foil bearing according to claim 1, wherein the inner diameter of the top foil [[1]] is coated with a metallic dry lubricant, and then ground, so that a dry lubricant not requiring a strong adhesiveness can be used.
3. (canceled)